

emerging technologies and real-time interactions with medical practitioners, students will prepare for the academic and workforce demands of the 21st century. School innovations and instructional techniques will include interactive distance learning with institutions of higher education and Wake Medical Center, job shadowing, internships and dual enrollment at community colleges and universities. Some of the partners that will ensure the success of this program include WakeMed, Wake Education Partnership, East Wake Education Foundation, Wake Technical Community College and GlaxoSmithKline. For more information, contact Steve Hauge, senior director of Curriculum & Instruction Secondary Programs, at 919-850-1793 or shauge@wcpss.net.

Winston-Salem/Forsyth County Schools: Health Sciences and Biotechnology Academy at Simon G. Atkins Academic & Technical High School

Winston-Salem/Forsyth County Schools will open Simon G. Atkins Academic & Technical High School in the fall of 2005. Designed to align with the community's strategic plan, emphasizing technology as the economic engine, it will include three technology academies: Health Sciences and Biotechnology, Communications and Pre-Engineering. The Health Sciences and Biotechnology Academy, the focus of this project, will be a school-within-a-building that serves approximately 400 students. The college-preparatory curriculum will be aligned with the Gates Foundation's seven attributes of a high achieving school—common focus, high expectations, time to collaborate, performance based, technology as a tool, respect and responsibility, and personalized instruction. Teachers will create thematic units using curriculum integration, and their efforts will be supported with common planning periods and teaming. Curriculum will include an emphasis on research, problem solving, decision-making, communication and technology. Team partners in this program will include Piedmont Triad Research Park, the North Carolina School of the Arts, Winston-Salem State University, Forsyth Technical Community College, the Black Leadership Roundtable, the Winston-Salem Business Alliance and the city of Winston-Salem. These entities will commit time and resources to insure the success of the academy in areas such as training mentors, recruiting volunteers and developing job sites. For more information, contact Robb Warfield, assistant magnet school coordinator, at 336-727-2519 or rwarfiel@wsfcs.k12.nc.us.